Pham 346607





Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 346607 Report

This analysis was run 11/14/26 on database version 672.

Pham number 346607 has 5 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Douzhi_145, ChutneyChips_145, BrainDrainer_145, PYPDinur_144
• Track 2 : Sheng711_146

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 2, it was called in 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BrainDrainer_145, ChutneyChips_145, Douzhi_145, PYPDinur_144, Sheng711_146,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 2:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 1
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BrainDrainer_145 (L4), ChutneyChips_145 (L4), Douzhi_145 (L4), PYPDinur_144 (L4), Sheng711_146 (L4),

Summary by clusters:

There is one cluster represented in this pham: L4

Info for manual annotations of cluster L4:
•Start number 2 was manually annotated 1 time for cluster L4.

Gene Information:

Gene: BrainDrainer_145 Start: 71914, Stop: 71795, Start Num: 2
Candidate Starts for BrainDrainer_145:
(1, 72031), (Start: 2 @71914 has 1 MA's), (3, 71902), (4, 71869), (5, 71854),

Gene: ChutneyChips_145 Start: 71822, Stop: 71703, Start Num: 2
Candidate Starts for ChutneyChips_145:
(1, 71939), (Start: 2 @71822 has 1 MA's), (3, 71810), (4, 71777), (5, 71762),

Gene: Douzhi_145 Start: 72086, Stop: 71967, Start Num: 2
Candidate Starts for Douzhi_145:
(1, 72203), (Start: 2 @72086 has 1 MA's), (3, 72074), (4, 72041), (5, 72026),

Gene: PYPDinur_144 Start: 71898, Stop: 71779, Start Num: 2
Candidate Starts for PYPDinur_144:
(1, 72015), (Start: 2 @71898 has 1 MA's), (3, 71886), (4, 71853), (5, 71838),

Gene: Sheng711_146 Start: 71510, Stop: 71391, Start Num: 2
Candidate Starts for Sheng711_146:
(1, 71627), (Start: 2 @71510 has 1 MA's), (3, 71498), (4, 71465), (5, 71450),